

[FIG.1]

EXTERNAL CALCULATION APPARATUS

503 COMBINER AND DISTRIBUTOR

504 TRANSMISSION AND RECEPTION SECTION

[FIG.2]

602 TRANSMISSION RADIO SECTION

603 ATTENUATOR

605 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

606 BASEBAND PROCESSING SECTION

[FIG.3]

702 RECEPTION RADIO SECTION

703 ATTENUATOR

705 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

706 BASEBAND PROCESSING SECTION

[FIG.4]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

105 RECEPTION RADIO SECTION

110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

107 BASEBAND PROCESSING SECTION

[FIG.6]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

105 RECEPTION RADIO SECTION

110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

107 BASEBAND PROCESSING SECTION

[FIG.7]

103 ANTENNA DUPLEXER

104 TRANSMISSION RADIO SECTION

105 RECEPTION RADIO SECTION

110 PHASE CALIBRATION TRANSMISSION SIGNAL CONVERSION SECTION

111 PHASE CALIBRATION RECEIVED SIGNAL CONVERSION SECTION

107 BASEBAND PROCESSING SECTION

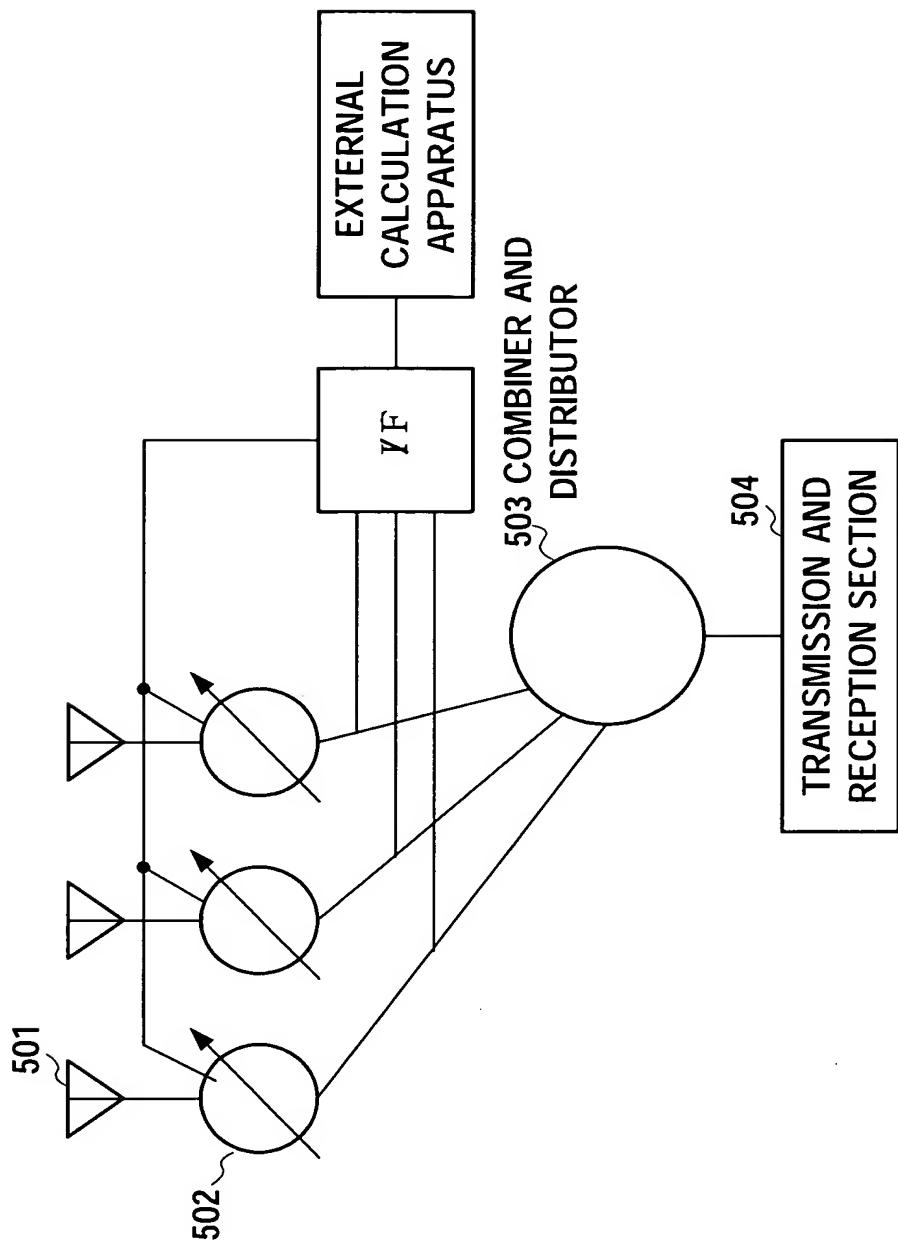


FIG.1

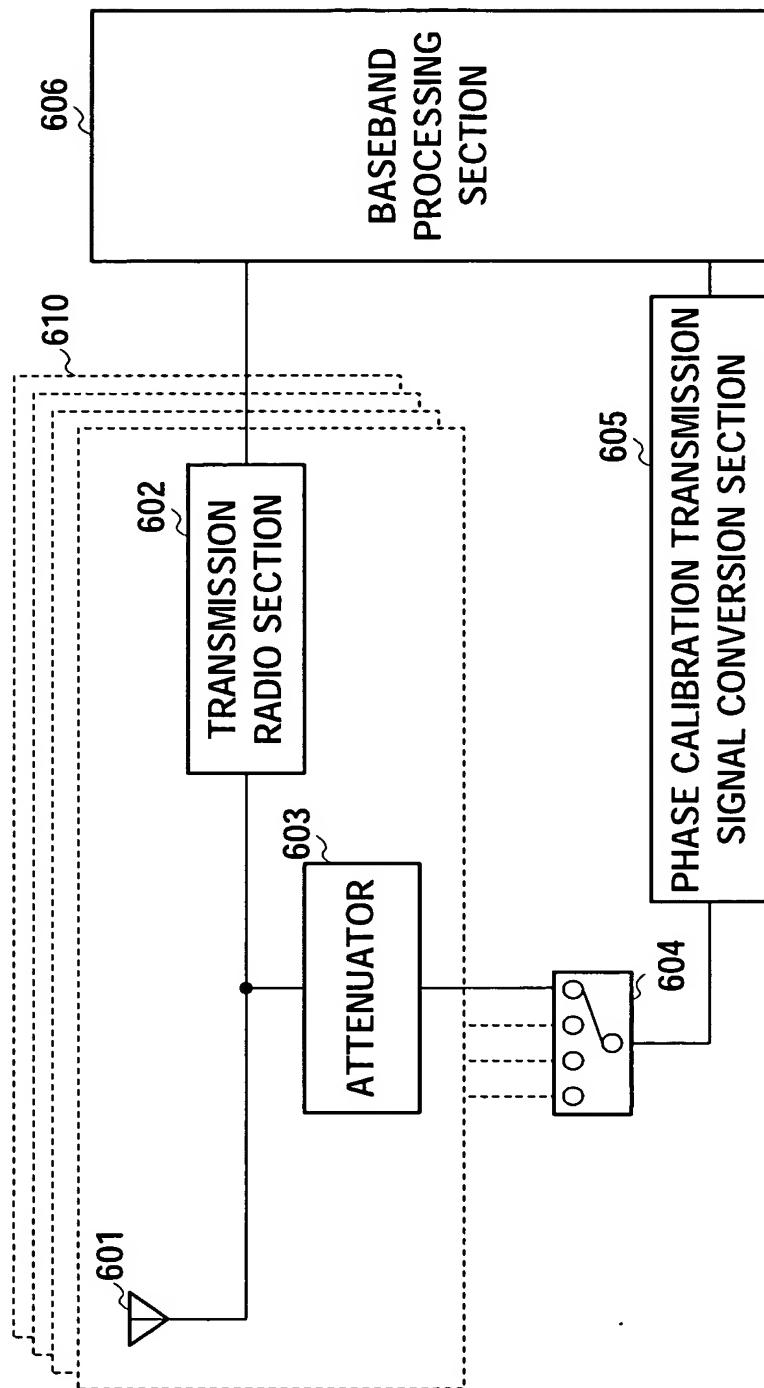


FIG.2

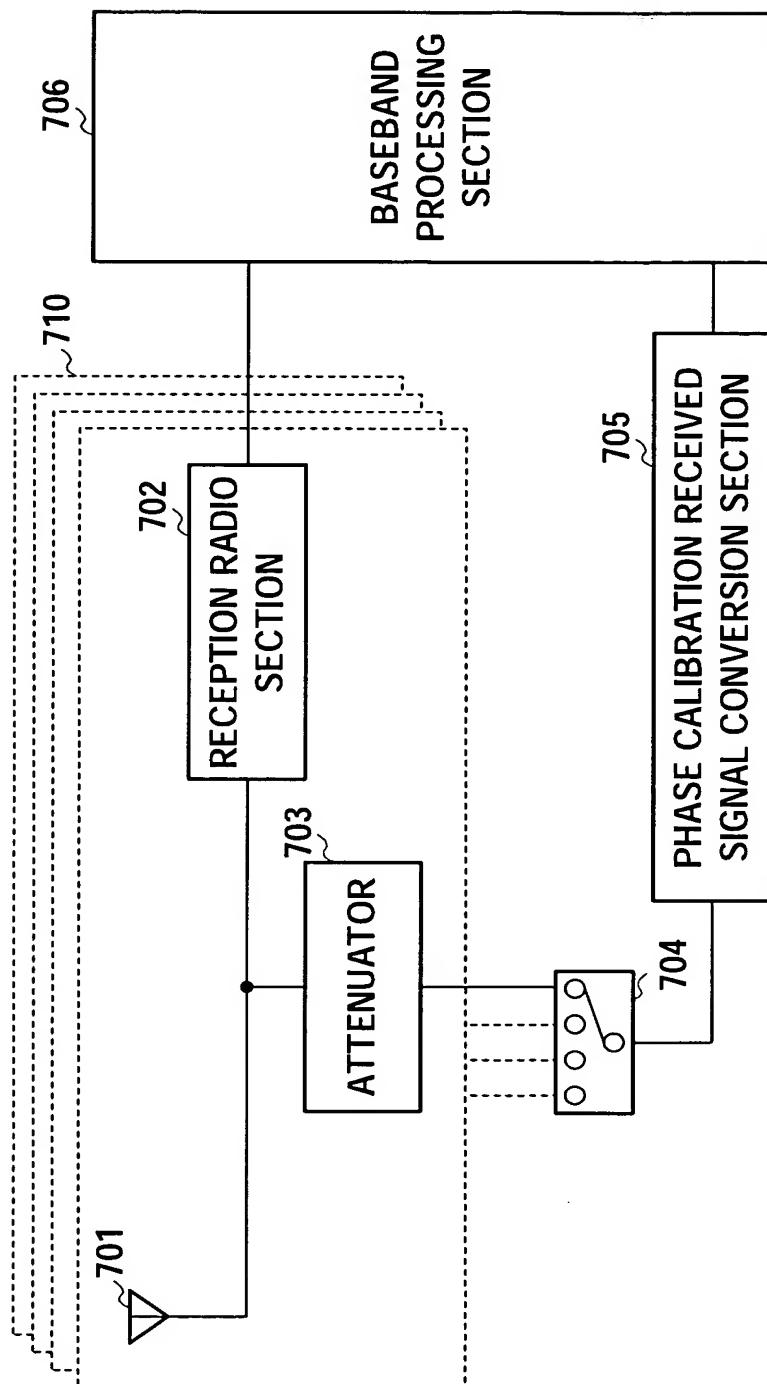


FIG.3

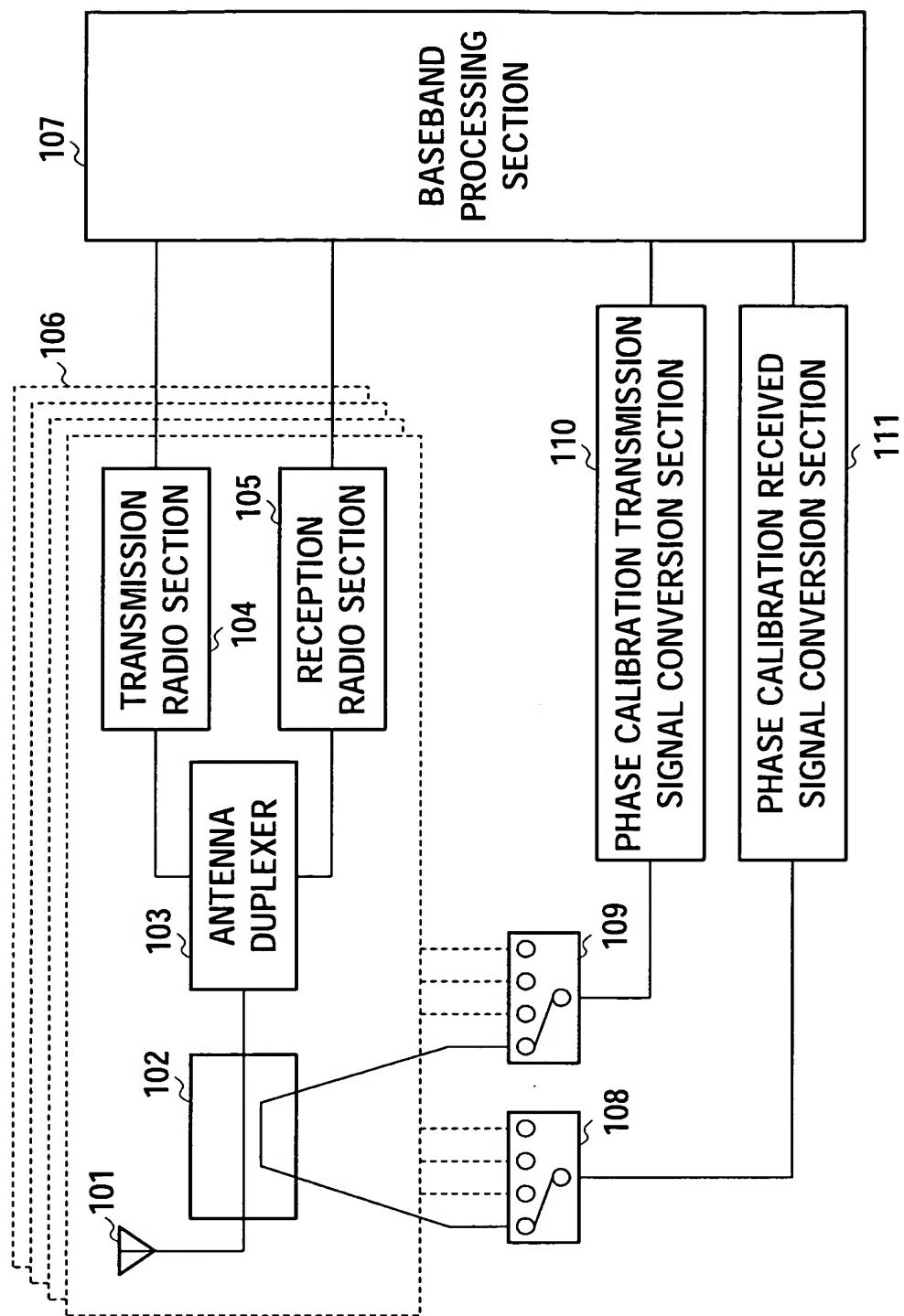


FIG.4

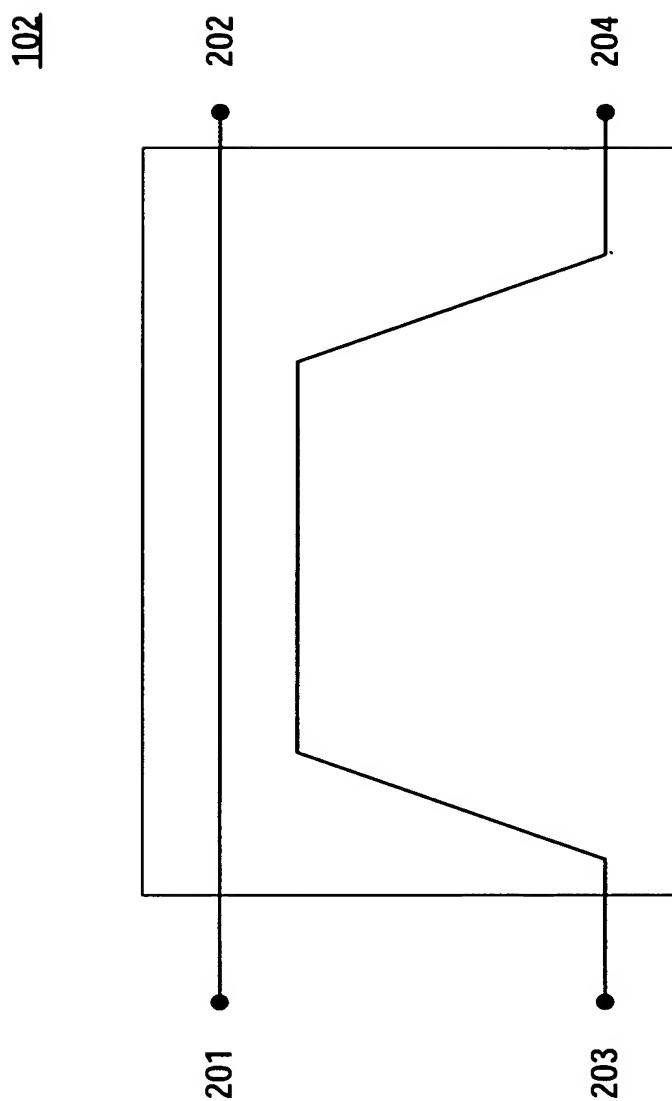


FIG.5

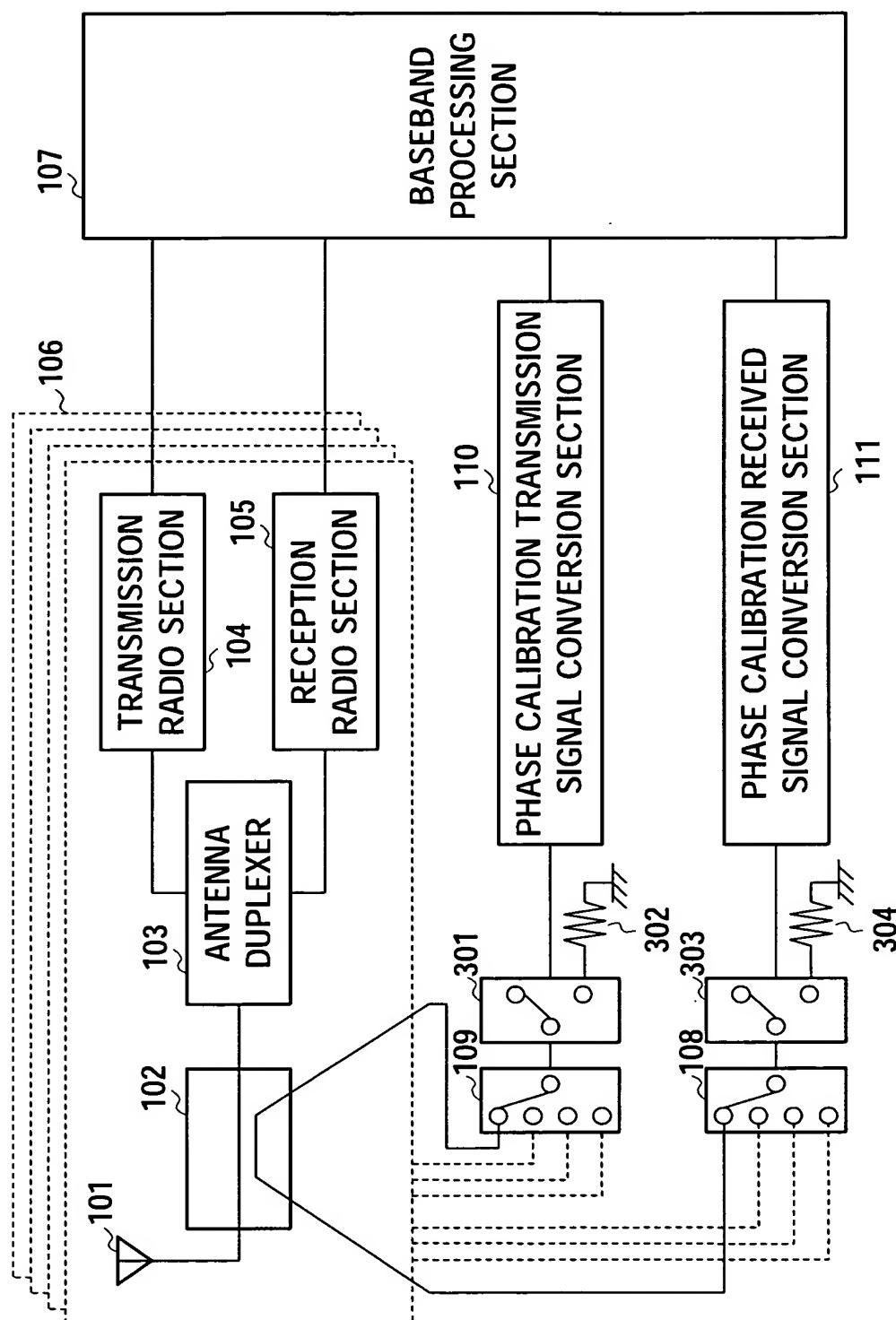


FIG.6

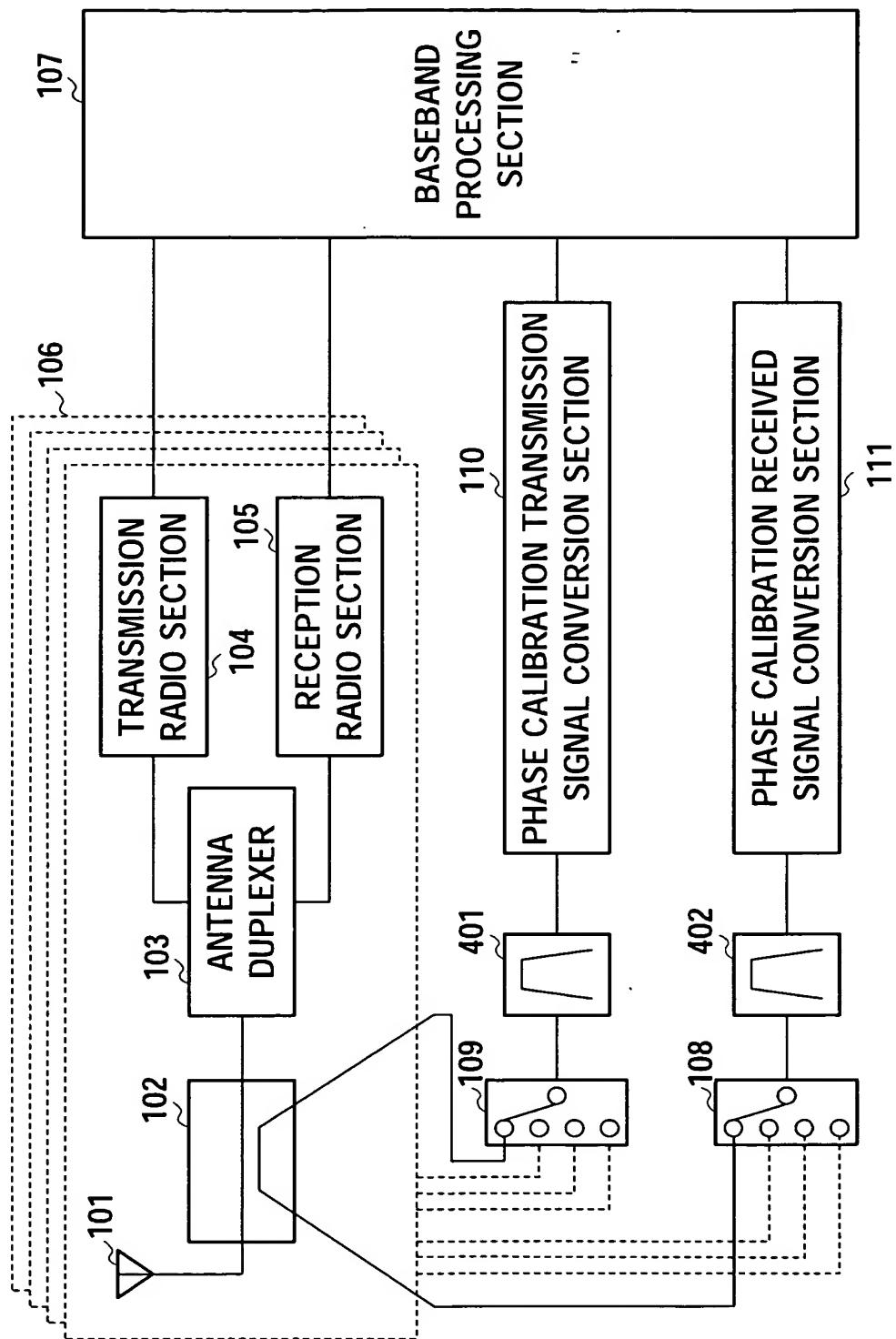


FIG.7